

UNIVERSITY OF GLASGOW.

Queen Margaret College.

SCHOOL OF MEDICINE FOR  
WOMEN.

PROSPECTUS FOR SESSION

1892-93.

GLASGOW:

JAMES MACLEHOSE & SONS, 61 ST. VINCENT STREET,

Publishers and Booksellers to the University.

1892



UNIVERSITY OF GLASGOW.

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SCHOOL OF MEDICINE FOR  
WOMEN.

In February, 1892, the Universities Commissioners issued an Ordinance (No. 18), empowering the Scottish University Courts to make provision within the Universities for the instruction of women, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. The Council of Queen Margaret College having considered the provisions of this Ordinance, came to the conclusion that the purpose for which the College had been instituted would be best served by making over their work to the University of Glasgow. They, accordingly, with the concurrence of Mrs. Elder, the proprietrix of the buildings and grounds hitherto occupied by the College, offered to transfer to the University Court these buildings and grounds, and the endowments (present and prospective), on condition that these should be devoted to the establishment and maintenance of University Classes for women exclusively. The University Court, having resolved to exercise the power conferred by Ordinance No. 18, and to provide University instruction for women mainly by the institution of separate classes, agreed to accept the offer made by Queen Margaret College, and remitted to a Committee to take the necessary steps for completing the transfer. In virtue of this arrangement the teachers in Queen Margaret College have been appointed by the University Court, the classes taught there are University classes, and the students are students of the University.

GLASGOW, *September*, 1892.

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*The Calendar of Queen Margaret College contains details of the Classes, subjects of study, etc., in the Arts and Medical Faculties of the College; the Ordinances, including Regulations for Degrees in Arts and Medicine, etc.*

*The Calendar is published by James MacLehose & Sons, 61 St. Vincent Street, Glasgow, price 1s., by post 1s. 2d.*

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## School of Medicine.

### LECTURERS. AND TEACHERS.

<i>Physics</i> , - - - -	Professor BLYTH, M.A., F.R.S.E.
<i>Botany</i> , - - - -	Rev. A. S. WILSON, B.Sc.
<i>Zoology</i> , - - - -	{ PROFESSOR YOUNG, M.D., and Mr. JAMES RANKIN.
<i>Chemistry and Practical</i> <i>Chemistry</i> , - - - -	{
<i>Anatomy and Practical</i> <i>Anatomy</i> , - - - -	{ THOMAS H. BRYCE, M.A., M.B., C.M., Fellow (by Examination) of the Faculty of Physicians and Surgeons, Glasgow.
<i>Physiology and Practical</i> <i>Physiology</i> , - - - -	{ J. M'GREGOR-ROBERTSON, M.A., M.B., C.M., Fellow (by Examination) of the Faculty of Physicians and Surgeons, Glasgow.
<i>Materia Medica and</i> <i>Therapeutics, and Prac-</i> <i>tical Pharmacy</i> , - - -	{ C. O. HAWTHORNE, M.B., C.M., Fel- low (by Examination) of the Faculty of Physicians and Surgeons, Glasgow.
<i>Pathology</i> , - - - -	{ JOHN LINDSAY STEVEN, M.D., Fellow (by Examination) of the Faculty of Physicians and Surgeons, Glasgow.
<i>Surgery</i> , - - - -	{ W. J. FLEMING, M.D., Fellow of the
<i>Clinical Surgery</i> , - - -	{ Faculty of Physicians and Surgeons, Glasgow.
<i>Medicine</i> , - - - -	{ J. WALLACE ANDERSON, M.D., Fel-
<i>Clinical Medicine</i> , - - -	{ low of the Faculty of Physicians and Surgeons, Glasgow.
<i>Obstetrics and Gynæcology</i> , -	{ MURDOCH CAMERON, M.D., Fellow of the Faculty of Physicians and Sur- geons, Glasgow.
<i>Medical Jurisprudence</i> , -	
<i>Dean of the School</i> —PROFESSOR YOUNG, M.D., University of Glasgow.	

### HOSPITALS.

ROYAL INFIRMARY, GLASGOW MATERNITY HOSPITAL, and  
ROYAL HOSPITAL FOR SICK CHILDREN.

## SCHOOL SESSIONS.

Attendance upon the Classes in Medicine qualifies for the Degrees in Medicine of the University of Glasgow.

By Ordinances No. 3 and No. 22 of the Commissioners under the Universities Act of 1858, every student is required at the beginning of each Session to matriculate by enrolling her name in the University album before joining any class. The office of the Hon. Secretary of Queen Margaret College will be open for the purpose of matriculation on and after Saturday, 1st October. The Matriculation Fee is £1 for the Academical year; for the Summer Session alone, 10s. Matriculation ends on 14th November.

Students are entitled, after matriculation, to the privilege of admission to the University Library, to the use of the Reading Room in Queen Margaret College, and, under certain conditions, to admission to the Hunterian Museum.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary.

The Winter Session of the Medical Classes begins on 11th October and ends on 24th March, and the Summer Session of these classes begins on 24th April and ends early in July.

Class Tickets will be obtained and Fees paid at Queen Margaret College, Kelvinside, Glasgow. *All Fees must be paid in advance*—the Fees for the Winter Session between 11th October and 11th November, and for the Summer Session between 24th April and 24th May.

The Secretary's office at Queen Margaret College will be open during the Winter Session from 10.30 a.m. till 5.30

p.m., except on Saturdays, when it will not be open after 1 p.m. During the Summer Session the office hours are from 11 a.m. till 5 p.m., except on Saturdays, when the office will be closed.

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## CLASSES IN THE SCHOOL OF MEDICINE.

The Curriculum embraces the Classes of Physics, Botany, Zoology, Chemistry and Practical Chemistry, Anatomy and Practical Anatomy, Institutes of Medicine (or Physiology and Histology), Materia Medica and Therapeutics, Practical Pharmacy, Pathology, Surgery and Clinical Surgery, Medicine and Clinical Medicine, Midwifery and Gynæcology, Medical Jurisprudence.

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## MEDICAL CURRICULUM.

For the regulations for the Degrees in Medicine, see University Calendar, p. 141, also Ordinance in Appendix of this Prospectus, p. 31.

For the Curriculum of Study which must be followed by students who wish to prepare for Degree Examinations, see page 27.

The Classes in Medicine being University Classes, certificates of attendance thereon may be used by those who propose to become Candidates for the Degrees of the other Scottish Universities, and for those of London University, Victoria University, and the Royal University of Ireland, as well as for the Qualification of the Scottish Corporations.

Each Student entering on a Course of Medical Study must have previously passed the Preliminary Examination, and be registered in the books of the General Medical Council as a Medical Student (see page 25).

TIME TABLE FOR WINTER 1892-3.—CLASSES IN MEDICINE.

	8—9.	9—10.	10—11.	11—12.	12—1.	2—3.	3—4.	4—5.
MONDAY, -	3. Pathology.	Hospital.	Hospital.	2 & 3. Anat. Pract.	1. Chemistry. 2 & 3. Anat. Pract. 4. Gynaecology.	1. Zoology. 2. Physiology. 3. Anat. Pract.	1. Physics. 2 & 3. Anat. Sen.	2. Surgery. 3 & 4. Medicine.
TUESDAY, -	3. Pathology.	Hospital.	Hospital.	2 & 3. Anat. Pract.	1. Chemistry. 2 & 3. Anat. Pract. 4. Gynaecology.	1. Zoology. 2. Physiology. 3. Anat. Pract.	2 & 3. Anat. Sen.	2. Surgery. 3 & 4. Medicine.
WEDNESDAY, -	3. Pathology.	Hospital.	Hospital. 1. Chem. Lab.	1. Chem. Lab. 2 & 3. Anat. Pract.	1. Chemistry. 2 & 3. Anat. Pract. 4. Gynaecology.	2. Physiology. 3. Anat. Pract.	1. Physics. 2 & 3. Anat. Sen.	2. Surgery. 3 & 4. Medicine.
THURSDAY, -	3. Pathology.	Hospital.	Hospital. 1. Chem. Lab.	1. Chem. Lab. 2 & 3. Anat. Pract.	1. Chemistry. 2 & 3. Anat. Pract. 4. Gynaecology.	2. Physiology. 3. Anat. Pract.	2 & 3. Anat. Sen.	2. Surgery. 3 & 4. Medicine.
FRIDAY, - -	3. Pathology.	Hospital.	Hospital.	2 & 3. Anat. Pract.	1. Chemistry. 2 & 3. Anat. Pract. 4. Gynaecology.	1. Zoology. 2. Physiology. 3. Anat. Pract.	1. Physics. 2 & 3. Anat. Sen.	2. Surgery. 3 & 4. Medicine.
SATURDAY, -								

The numbers indicate that the Classes are for Students of 1st, 2nd, 3rd, or 4th years, as the case may be.

TIME TABLE FOR 1892-3.—WINTER SESSION.—CLASSES IN MEDICINE.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
PHYSICS, ... ..	3-4	... ..	3-4	... ..	3-4
ANATOMY, Junior, ... ..	... ..	... ..	... ..	... ..	... ..
ANATOMY, Senior, ... ..	3-4	3-4	3-4	3-4	3-4
PRACTICAL ANATOMY, ... ..	9-4	9-4	9-4	9-4	9-4
CHEMISTRY, Systematic, ... ..	12-1	12-1	12-1	12-1	12-1
PRACTICAL CHEMISTRY, ... ..	10-1	10-1	10-1	10-1	10-1
ZOOLOGY, ... ..	2-3	2-3	... ..	... ..	2-3
PHYSIOLOGY, ... ..	2-3	2-3	2-3	2-3	2-3
MATERIA MEDICA, ... ..	12-1	12-1	12-1	12-1	12-1
PATHOLOGY, ... ..	8-9	8-9	8-9	8-9	8-9
SURGERY, Systematic, ... ..	4-5	4-5	4-5	4-5	4-5
SURGERY, Clinical, ... ..	9-10.30	9-10.30	9-10.30	9-10.30	9-10.30
MEDICINE, Systematic, ... ..	4-5	4-5	4-5	4-5	4-5
MEDICINE, Clinical, ... ..	9-10.30	9-10.30	9-10.30	9-10.30	9-10.30
MIDWIFERY AND GYNÆCOLOGY, ... ..	12-1	12-1	12-1	12-1	12-1

Some alterations in the above hours may be found necessary.



## Syllabus of Lectures.

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### NATURAL PHILOSOPHY (PHYSICS).

PROFESSOR BLYTH, M.A., F.R.S.E.

(West of Scotland Technical College).

This Class will meet daily at 3 p.m., except Saturdays ; also on Saturdays, 10 to 12. The Course will include—

(1) Experimental Physies (Properties of Matter, Sound, Heat, Light, Magnetism, Static Electricity, Voltaic Electricity, Electro Magnetism), Mondays, Wednesdays, and Fridays. The lectures will be fully illustrated by experiment.

(2) Theoretical Mechanics (Elementary Kinematics, Elementary Dynamics), Tuesdays and Thursdays.

(3) Practical Physics, Saturdays, 10 to 12. The students will work practically in the Laboratory, and will be taught the construction and use of physical apparatus generally, and will also be required to employ the various instruments, so as to verify natural laws and obtain numerical results.

Students intending to take a Degree in Arts must take the whole course. The requirements of students preparing for a Medical Degree or qualification will be met by the first division of the course, and by attending three days weekly, viz. Mondays, Wednesdays, and Fridays.

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### BOTANY.

REV. A. S. WILSON, B.Sc.

This Class will meet in the Summer Session daily, 4 to 5.

The Professional Examination in March and thereafter until further notice will embrace the following subjects:—

- I. Angiosperms—(a) External Morphology ; (b) Histology
- II. Gymnosperms and Cryptogams—Physiology.

## ZOOLOGY.

PROFESSOR. YOUNG, M.D., and MR. JAMES RANKIN.

This Class will meet on Mondays, Tuesdays, and Fridays at 2 p.m.

The Professional Examinations in April, 1893, will have special reference to the Aves, Insecta, Rotifera, and Annelida.

Text-books—Rolleston's *Forms of Animal Life*, ed. H. Jackson; Claus' *Zoology*, Sedgwick's Translation; Huxley's *Vertebrates and Invertebrates*. For practical work, besides Rolleston, may be mentioned the works of Huxley and Martin, of Marshall and Hurst, and of T. Jeffery Parker.

## CHEMISTRY.

This Class will meet daily, 12 to 1, for systematic lectures. These will include the General Principles of Chemistry, Inorganic Chemistry, and the Elements of Organic Chemistry.

The Laboratory is open daily for Practical Chemistry from 10 till 1.

## ANATOMY.

Lecturer and Demonstrator—THOMAS H. BRYCE, M.A.,  
M.B., C.M.

## WINTER SESSION.

I. *Lectures for Junior Students.*

The structure of the human body will be studied systematically, in the following order:—

1. The Bones.
2. The Joints and Ligaments.
3. The Muscles and the Fasciæ.
4. Histology of Elementary Tissues.
5. General Sketch of the Vascular and Nervous Systems.

The Course will be illustrated by preparations and dissections brought into the lecture room.

## II. *Lectures for Senior Students in Regional Anatomy.*

Five days weekly, 3 to 4 p.m.

This Course will take the form of a series of Demonstrations on recent dissections. Special attention will be given to the Anatomy—Macroscopic and Microscopic—of the Thoracic and Abdominal Viscera, and lectures will be given on the Brain, Spinal Cord, and Cranial Nerves.

The bearings of Anatomy on Surgery and Medicine will be specially emphasised.

Lectures on Embryology and Morphology will also be given, open to the members of the Senior Class.

Text-Books — Quain's *Anatomy*. For practical work, Professor Cleland's *Guide to Dissection*; Ellis' *Demonstrations of Anatomy*, or Heath's *Practical Anatomy*.

### SUMMER SESSION.

During the Summer Session a tutorial class on Osteology for Students entering on the study of Anatomy will be conducted, and a series of Demonstrations on special subjects will be given.

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### PRACTICAL ANATOMY.

The Laboratory will be open from 9 a.m. till 4 p.m.—on Saturdays 9 a.m. till 12 noon—under the personal superintendence of Dr. Bryce.

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### PHYSIOLOGY.

Lecturer—J. M'GREGOR-ROBERTSON, M.A., M.B., C.M.

The Class will meet on Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays from 2 to 3 p.m.



In *Winter*, instruction in the main facts and principles of human physiology and the methods of physiological research is given in a systematic course of one hundred meetings of the class.

This Course will include two main divisions:—

I. The Physiology of Nutrition, comprising the functions of nutrition proper, assimilation and absorption, circulation of the blood, respiration, secretion and excretion. As a preliminary to this part, some time will be devoted to the general physiology of the tissues, including their histology and chemistry, instruction in the latter being carried on in the practical class, the students being supplied with apparatus and chemical re-agents. The practical instruction will enable the student to become familiarised with the chief methods of analysing the principal fluids of the body, and with the apparatus and methods of observing and recording physiological phenomena.

II. The Physiology of Innervation, of the Senses, and of Reproduction. In this part the histology and chemistry of nervous tissue and of the central nervous organs and the sense organs will be included.

Written and Oral Examinations are held during the Session.

In the *Summer Session* practical instruction will be given in the Laboratory, on the same days of the week and at the same hour as in *Winter*, chiefly on the use of the microscope and the methods of preparing the various tissues and organs of the body for microscopical examinations. Each student will be supplied with a microscope and all the necessary material for carrying on such work, and will have the opportunity of making a complete collection of mounted specimens of the various tissues and organs.

## MATERIA MEDICA AND THERAPEUTICS.

Lecturer—C. O. HAWTHORNE, M.B., C.M. (Physician to the Dispensary of the Western Infirmary, Glasgow).

The Class will meet five days weekly, 12 noon to 1 p.m.

The Winter Course will be mainly occupied by the discussion of the Physiological actions and Therapeutic uses of the various drugs used in the treatment of disease. The employment of heat, cold, electricity, etc., for Therapeutic purposes, will also be considered; and there will be systematic demonstrations of the various articles of the *Materia Medica*.

## PRACTICAL PHARMACY.

During the Summer Session lectures will be given on the official Galenical preparations, and students will be practically instructed in the compounding and dispensing of medicines.

Students are recommended to attend the practical class in the summer preceding their attendance upon the Winter Course.

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## PATHOLOGY.

Lecturer—JOHN LINDSAY STEVEN, M.D. (Pathologist and Assistant Physician, Glasgow Royal Infirmary; Extra Physician, Royal Hospital for Sick Children, Glasgow).

The Class meets in the Pathological Department of the Royal Infirmary five days weekly at 8 a.m.

The Class of Pathology comprises a combined course of Systematic Lectures and of Practical Laboratory Work. The Systematic Lectures are delivered during the Winter Session, and the Practical Class meets in Summer. The

student cannot enter for the two Courses separately, but may begin Pathological study with either class.

The first part of the course of Systematic Lectures is devoted to the discussion of the General Principles of Pathology, involving a consideration and description of constitutional diseases and of those morbid processes, which, though special as affecting individual organs, are general in the sense that they are fundamentally the same wherever they occur, being modified simply by their environment. Following this plan, the subject matter of the lectures is discussed under the following headings, viz. :—

1. Derangements of the Circulation of the Blood, and the resulting Lesions.
2. The Pathology of Inflammation.
3. The causes and varieties of Infiltrations and Degenerations.
4. The general principles of Tumour-formation, with an outline of the classification of Neoplasms.
5. The Pathology of Parasitic Diseases, including a general discussion of the influence of Pathogenic Micro-organisms in the production of disease, and of the more common diseases caused by Bacteria.
6. Special Pathology of individual Organs and Tissues. This part of the course is varied from session to session according to the time at the disposal of the Lecturer.

During the Winter Session regular Class Demonstrations are given on specimens obtained in the *post-mortem* room, and the lectures are illustrated by specimens from the Museum and by diagrams.

In the Summer Session instruction in Practical Pathology is given in the *post-mortem* room and Pathological Laboratory of the Royal Infirmary, and is embraced under the following headings :—

1. The performance of *post-mortem* Examinations, and the study of the naked eye appearances of diseased parts.

2. The selection and preparation of Morbid Tissues for Section-cutting.
3. Section-cutting and Staining of Microscopic Sections.
4. The examination and collection of a series of Pathological Sections.

Written and Practical Class Examinations are held during the Winter and Summer Sessions. To Senior Students who have completed their Pathological course, Dr. Steven will be glad to afford facilities for original histological work in the Laboratory.

Systematic Text-Books—*A Manual of Pathology*, by Joseph Coats, M.D., 2nd edition; *A Manual of Pathological Histology*, by Cornil and Ranvier, 2nd edition, translated by A. M. Hart; *A Text-Book of Pathology, Systematic and Practical*, by D. J. Hamilton, M.B.

Practical Text-Book—*Practical Pathology*, an introduction to the practical study of Morbid Anatomy and Histology, by John Lindsay Steven, M.D.

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## SURGERY.

Lecturer—W. JAS. FLEMING, M.D. (Surgeon, Royal Infirmary).

The Class will meet five days weekly; lectures will be given in the College 4 to 5 p.m., and clinical work and lectures 9 to 10.30 a.m. in the Royal Infirmary.

Text-Book—Walsham's *Practice of Surgery* (Churchill).

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## PRACTICE OF MEDICINE.

Lecturer—J. WALLACE ANDERSON, M.D. (Physician, Royal Infirmary).

The Class will meet five days weekly; the lectures will be

given in the College from 4 to 5 p.m., and clinical instruction from 9 to 10.30 a.m. in the Royal Infirmary.

During the ensuing Winter Session the work of the Class will be arranged according to the following plan, viz. :—

The Nature and Causes of Disease. The Febrile State; its Nature and Object. General Diseased Conditions. The commoner Fevers as illustrating General Disease. Diseases of the various Systems, beginning with those of the Respiratory System.

Text-Book—Taylor's *Practice of Medicine*.

## MIDWIFERY AND GYNÆCOLOGY.

Lecturer—MURDOCH CAMERON, M.D. (Obstetric Physician to the Glasgow Maternity Hospital).

This Class will meet five days weekly, 12 to 1 p.m.

*Midwifery.* The Pelvis. Menstruation and Conception. Development of the Ovum, Embryo and Fœtus. Signs and duration of Pregnancy. Extra-uterine Pregnancy. Abnormal Development. Diseases of Pregnancy. Labour and its Phenomena. Management of Natural Labour. The Mechanism of Labour. Face Presentations. Pelvic Presentations. Transverse and complicated Presentations. Premature Expulsion of the Ovum. Hæmorrhage. Inversion of the Uterus. Rupture of the Uterus. Deformities of the Pelvis. Forceps, etc. Turning. Embryotomy. Cæsarean Section, etc. Induction of Premature Labour. Obstructed Labour. Uterine Inertia. The Puerperal State. Lactation. The Newly-born Child. Phlegmasia Dolens. Puerperal Insanity. Eclampsia. Puerperal Fever, etc.

*Diseases of Women.* Physical Diagnosis. Malformations. Displacements. Diseases of Uterus and Ovaries. Diseases of Fallopian Tubes, Uterine Ligaments, and adjacent Peritoneum and Cellular Tissue. Diseases of the Vagina and Vulva. Functional and Symptomatic Disorders.



*Practical Midwifery.* Students can attend cases in connection with the Maternity Hospital.

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## MEDICAL JURISPRUDENCE.

This Class will be held in summer.

The lectures on Medical Jurisprudence are intended to elucidate the application of all the branches of Medical Science to Judicial and Legislative purposes, and embrace the discussion of the following subjects in their medico-legal aspects, viz.:—

The Identity of the Person.

Signs of Death.

Questions relating to the time which has elapsed since Death.

Death from Disease.

„ Lightning.

„ Cold.

„ Starvation.

Burning in relation to Judicial Proceedings.

Questions relating to Poisoning.

Death by means which arrest the Respiration—Drowning, Hanging, Strangling, Suffocation.

Injuries from other kinds of External Violence, in the Living, and in the Dead.

Questions relating to the Sexual Functions—Rape, Impotence, Sterility, Doubtful Sex, Signs of Pregnancy, Duration of Pregnancy, Superfœtation, Signs of Delivery, Abortion, Infanticide.

Questions relating to the Sanity and Responsibility of the Individual.

Duties of the Medical Practitioner in relation to Judicial Proceedings.

Oral and Written Examinations will be held during the course of the Session, and facilities will be afforded in the Laboratory for Students making themselves practically

familiar with the methods adopted for the detection of the more common poisons and the examination of blood and other stains.

Text-Book—*Principles of Forensic Medicine*, by Guy and Ferrier.

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Arrangements will be made for classes in Mental Diseases and Ophthalmic Surgery, Vaccination, Fevers, etc., and Dispensary work, as required.

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## HOSPITAL INSTRUCTION.

### ROYAL INFIRMARY.

This Hospital contains 584 beds for medical and surgical patients, of which 110 are appropriated to the clinical instruction of women students of Queen Margaret College only. There is also a largely attended out-patient department, besides special clinics for ear, throat, eye, etc.

Students of this School have exceptional facilities for clinical study in wards set apart for their instruction. Dr. Wallace Anderson, the Lecturer on Medicine, has fifty beds under his charge, which provide ample material for clinical medical tuition. A number of clinical clerks are selected from among the senior students, who observe and report on special cases. At the daily visit the students are familiarised with all the cases which present themselves, and in addition Dr. Anderson gives two special clinical Lectures every week. Tutorial classes are also conducted by Dr. Scott Macgregor.

On the surgical side, Dr. Fleming has under his care sixty beds, which afford ample opportunities of Dressing to a large number of students. The Dressers assist at all the numerous

operations performed in a theatre attached to the wards and reserved for them alone. In this theatre also are given the clinical Lectures. The House-Surgeon conducts classes of bandaging and minor surgery.

The splendid pathological museum of the Hospital, under the direction of the curator, Dr. Lindsay Steven, is largely drawn upon for illustration, and is open to the students for purposes of study.

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#### SICK CHILDREN'S HOSPITAL.

Facilities will be given in this Hospital for the study of diseases of childhood.

Students can attend the Hospital and the Dispensary, 11 West Graham Street, during the visits of the Physicians and Surgeons.

Information may be had from the House Surgeon, 45 Scott Street, Garnethill.

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#### GLASGOW MATERNITY HOSPITAL.

Cases may be attended in connection with the above Institution, which has over 2000 cases annually.

Rules on application to the Secretary, ARTHUR FORBES, 146 Buchanan Street.



## SCHOOL FEES.

The Courses of Physics, Botany, Zoology, and Medical Jurisprudence comprise 50 meetings of the Class. Lectures on the other subjects during the Winter Session extend to 100 meetings of the Class. Courses delivered during the Summer Session, on all subjects, extend to 50 meetings only.

## WINTER SESSION.

Physics, - - - - -	-	-	£3	3	0		
Zoology, - - - - -	-	-	3	3	0†		
Chemistry, - - - - -	-	-	3	3	0†		
Practical Chemistry, - - - - -	-	-	3	3	0†		
Chemical Laboratory, - - - - -	£2	2	0	to	5	5	0
Anatomy, Junior, - - - - -	-	-	3	3	0*		
Anatomy, Senior, - - - - -	-	-	3	3	0*		
Practical Anatomy, - - - - -	-	-	3	3	0		
Physiology and Histology, - - - - -	-	-	3	3	0†		
Materia Medica and Therapeutics, - - - - -	-	-	3	3	0†		
Pathology and Practical Pathology, - - - - -	-	-	4	4	0		
Surgery, - - - - -	-	-	3	3	0*		
Practice of Medicine, - - - - -	-	-	3	3	0*		
Clinical Medicine, } see Hospital.							
Clinical Surgery, }							
Midwifery, - - - - -	-	-	3	3	0*		

## SUMMER SESSION.

Botany, - - - - -	-	-	£3	3	0*
Botanical Laboratory, - - - - -	-	-	2	2	0
Anatomy, } - - - - -	-	-	2	2	0*
Practical Anatomy, }					
Practical Physiology, - - - - -	-	-	3	3	0†
Practical Pharmacy, - - - - -	-	-	3	3	0†
Clinical Medicine, } see Hospital.					
Clinical Surgery, }					
Operative Surgery, - - - - -	-	-	2	2	0
Practice of Medicine, } see Hospital.					
Practical Pathology, }					
Medical Jurisprudence, - - - - -	-	-	3	3	0*

\* Fee for a Second Session, £2 2s.; for a Third Session, £1 1s.

† Fee for a Second Session, £2 2s.

## HOSPITAL FEES.

## ROYAL INFIRMARY.

Every Student paying at the commencement of her first year of Hospital attendance a fee of £10 10s. will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of that year.

Every Student who has thus paid £10 10s., and shall at the commencement of her second year of Hospital Attendance pay a further fee of £10 10s., will have the privilege of admission to the Infirmary, and to the several Courses of Clinical Instruction, during her lifetime.

Fee for Hospital Attendance and Clinical Instruction for 6 months only, £6 6s.

Fee for Hospital Attendance and Clinical Instruction for 3 months only, £4 4s.

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 GLASGOW MATERNITY HOSPITAL.

Fee, £2 2s. Rules on application to the Secretary,  
ARTHUR FORBES, 146 Buchanan Street.

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 SICK CHILDREN'S HOSPITAL AND DISPENSARY.

Fee, £1 1s. for twelve months' attendance.

Information may be had from the House Surgeon, 45  
Scott Street, Garnethill.

## FEES FOR THE VARIOUS QUALIFICATIONS TO PRACTICE NOW OPEN TO WOMEN.

M.B. and C.M. Degrees of the University of Glasgow (Old Regulations),	-	-	-	-	-	-	-	-	£21	0	0
M.B. and Ch.B. Degrees of the University of Glasgow (New Regulations),	-	-	-	-	-	-	-	-	23	2	0
M.D. of the University of Glasgow (Old Regulations),	-	-	-	-	-	-	-	-	15	8	0
M.D. „ „ (New Regulations),	-	-	-	-	-	-	-	-	20	13	0
(This includes £10 3s. of Government duty.)											
Ch.M. of the University of Glasgow (New Regulations),	-	-	-	-	-	-	-	-	10	10	0
M.B. and B.S. Degrees of University of London,	-	-	-	-	-	-	-	-	20	0	0
M.D. and M.S. „ „ „	-	-	-	-	-	-	-	-	10	0	0
M.B. of Royal University of Ireland,	-	-	-	-	-	-	-	-	6	0	0
M.D. and M.Ch. of Royal University of Ireland,	-	-	-	-	-	-	-	-	10	0	0
Licence in Medicine, Surgery, and Midwifery, Apothecaries' Hall, London,	-	-	-	-	-	-	-	-	10	10	0
Licence of College of Physicians and College of Surgeons, Edinburgh, and Faculty of Physicians and Surgeons, Glasgow (Triple Qualification),	-	-	-	-	-	-	-	-	26	5	0
Diplomas of Conjoint Colleges of Physicians and Surgeons, Ireland, in Medicine, Midwifery, and Surgery,	-	-	-	-	-	-	-	-	42	0	0
Fellowship of R.C.S.I.,	-	-	-	-	-	-	-	-	26	0	0

Holders of any of the above are legally qualified to be placed on the Medical Register. Additional qualifications in Sanitary Science are open to women, but are not compulsory for Registration.

## NEW REGULATIONS FOR PRELIMINARY EXAMINATION FOR DEGREES IN MEDICINE AND REGISTRATION OF MEDICAL STUDENTS BY THE GENERAL COUNCIL.

No person shall be allowed to be registered as a Medical Student unless he or she shall have previously passed a Preliminary Examination in the subjects of General Education as specified in the following list:—

(1.) ENGLISH LANGUAGE ;

(2.) LATIN, including Grammar, Translation from specified authors, and Translation of easy passages not taken from such authors ;

- (3.) ELEMENTS OF MATHEMATICS, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including Simple Equations; (c) Geometry, including the three first books of Euclid, with easy questions on the subject-matter of the same;
- (4.) ONE OF THE FOLLOWING OPTIONAL SUBJECTS:—(a) Greek; (b) French; (c) German; (d) Italian or any other Modern Language; (e) Logic.

*N.B.*—The University does not recognise (d) and (e).

The Preliminary Examination may be passed in the University of Glasgow or at any University or Board of which the examinations are recognised by the General Medical Council as entitling to registration.

The entire examination must be passed at one and the same time.

Examinations will be held in the University on 28th September and on 22nd March. Names to be given in on 15th September and 8th March to the Secretary of Queen Margaret College. Examination Fee, 10s. 6d.

For examinations which will be accepted instead of the Preliminary Examination, see the University Calendar, page 153.

By the regulations of the General Medical Council any period of study taken more than fifteen days before registration cannot be recognised. The Registrar for Scotland is—Mr. James Robertson, Solicitor, 1 George Square, Edinburgh.

A student who wishes to prepare for the Degrees of the University of London, or the Royal University of Ireland, must pass the Matriculation Examination of the University she selects: or, of Victoria University, the Entrance Examination in Arts. The regulations for these Examinations may be had, for London, from the Registrar, University of London, Burlington Gardens, London, W.; Examination Fee, £2; dates of Examination, January and June; for the Victoria University, from the Registrar, Victoria University, Manchester; Examination Fee, £1; date of Examination, June and September; for the Royal University of Ireland, at 25 Upper Merrion St., Dublin; Examination Fee, 10s.; date of Examination, October; for the Triple Qualification of the Scottish Corporations, Alex. Duncan, B.A., Faculty Hall, 242 St. Vincent St., Glasgow; Fee, 10s.; dates of Examination, March and July; in Edinburgh, January, March, July, October.

## CURRICULUM OF STUDY, AND EXPENSES OF A MEDICAL EDUCATION.

The Class and Hospital Fees, including the regular subjects of a Four or Five Years' Course of Study and Clinical work, will amount to about £87.

To this may be added for supplementary subjects, including Diseases of the Eye, Mental Diseases, etc., which may be attended during the last year, an additional sum of from £10 to £20; also the fees of the examining bodies.

### CURRICULUM FOR M.B., C.M., OR CH.B., GLASGOW UNIVERSITY.

Students who propose taking these Degrees are recommended to arrange their course as follows:—

#### FIRST YEAR.—*Winter Session—*

Physics, - - - -	£3 3 0	
Chemistry, - - - -	3 3 0	
Practical Chemistry, - -	3 3 0	
Zoology, - - - -	3 3 0	
	<hr/>	£12 12 0

#### *Summer Session—*

Osteology, - - - -	£2 2 0	
Botany, - - - -	3 3 0	
Practical Physiology, - -	3 3 0	
	<hr/>	8 8 0
		<hr/>
		£21 0 0

(First Professional Examination.)

#### SECOND YEAR.—*Winter Session—*

Anatomy (Junior), - - -	£3 3 0	
Practical Anatomy, - - -	3 3 0	
Physiology, - - - -	3 3 0	
	<hr/>	£9 9 0

*Summer Session—*

Practical Anatomy, - -	£2 2 0	
Practical Pharmacy, - -	3 3 0	
	<hr/>	5 5 0

14 14 0

THIRD YEAR.—*Winter Session—*

Anatomy (Senior), - -	£3 3 0	
Practical Anatomy, - -	3 3 0	
Materia Medica, - - -	3 3 0	
Pathology, - - - -	4 4 0	
Surgery, - - - -	3 3 0	
Clinical Surgery (see Hospital).		
Hospital Fee, 1st year, -	10 10 0	
	<hr/>	£27 6 0

(Second Professional Examination.)

*Summer Session—*

Practical Pathology (see Hospital).		
Clinical Surgery (see Hospital).		
	<hr/>	£0 0 0
	<hr/>	£27 6 0

FOURTH YEAR.—*Winter Session—*

Medicine, - - - -	£3 3 0	
Clinical Medicine (see Hospital).		
Midwifery, - - - -	3 3 0	
Practical Midwifery (see Mater-		
nity Hospital).		
Hospital Fee, final, for per-		
petual ticket, - - -	10 10 0	
Maternity Hospital Fee, -	2 2 0	
Dispensary Practice.		
	<hr/>	18 18 0

(Third Professional Examination.)

*Summer Session—*

Medical Jurisprudence, -	£3 3 0	
Clinical Medicine (see Hospital).		
Dispensary.		
	<hr/>	3 3 0
	<hr/>	22 1 0

## FIFTH YEAR.

Operative Surgery, - - - £2 2 0

Lectures on Eye Diseases and

Insanity.

Clinical Medicine (see Hospital).

Clinical Surgery ( do. )

Instruction in Fevers.

Vaccination.

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 2 2 0

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 £87 3 0
 

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(Final Examination.)

*Students who entered after 1st January, 1892, must take a fifth Winter  
Session devoted to practical work.*



# TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1892-93.

Examination.	Names to be given in and Fees paid to Hon. Secretary, Queen Margaret College. Date. <sup>1</sup>	Fee. <sup>2</sup>	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Hon. Secretary, Queen Margaret College. The Professional Oral Examinations follow immediately after the Written.				
Preliminary,	15th Sept., 1892,	£0 10 6	{ Wed., 28th Sept., 1892, Thur., 29th " " Fri., 30th " "	{ Math. (1st Paper), Greek, Higher Mathematics,	{ 9-11 a.m. " " " "	{ Latin, 12 noon-2 p.m. Math. (2nd Paper), Logic, Natural Philosophy, "	{ English, French, Moral Philosophy, German, " Chemistry at 3 p.m.
First Professional,	15th Sept., 1892,	5 5 0 <sup>3</sup>	{ Mon., 3rd " Tues., 4th " Tues., 4th "	{ Zoology at 10 a.m. Physics at 10 a.m. Physiology at 12.30 p.m.	{ "	{ Botany at 12.30 p.m.	{ "
Second Professional,	15th Sept., 1892,	5 5 0 <sup>3</sup>	{ Tues., 4th " Tues., 4th "	{ Physics at 10 a.m. Physiology at 12.30 p.m.	{ "	{ "	{ "
Third Professional,	15th Sept., 1892,	5 5 0	{ Wed., 5th " Wed., 5th "	{ Regional Anatomy at 10 a.m. Regional Anatomy at 10 a.m.	{ "	{ Anatomy at 3 p.m.	{ "
Preliminary,	8th March, 1893,	0 10 6	{ Wed., 22nd March, 1893, Thur., 23rd " Fri., 24th " "	{ Math. (1st Paper), Greek, Higher Mathematics,	{ 9-11 a.m. " " " "	{ Latin, 12 noon-2 p.m. Math. (2nd Paper), Logic, Natural Philosophy, "	{ English, French, Moral Philosophy, German, " Chemistry at 3 p.m.
First Professional,	8th March, 1893,	5 5 0 <sup>3</sup>	{ Sat., 25th " Tues., 28th March,	{ Zoology at 10 a.m. Physics at 10 a.m.	{ "	{ Botany at 12.30 p.m.	{ "
"	8th March, 1893,		{ Wed., 29th " Wed., 29th "	{ Physics at 10 a.m. Physiology at 12.30 p.m.	{ "	{ Anatomy at 3 p.m.	{ "
Second Professional,	8th March, 1893,	5 5 0 <sup>3</sup>	{ Wed., 29th " Wed., 29th "	{ Physiology at 12.30 p.m. Regional Anatomy	{ at 10 a.m.	{ Anatomy at 3 p.m.	{ "
Third Professional,	8th March, 1893,	5 5 0	{ Thur., 30th " (Mon., 12th June (Clinical Examinations begin). Mon., 10th July, Tues., 11th " (Wed., 12th "	{ Materia Medica Practice of Medicine Surgery	{ Fri., 7th July (Operative Surgery Examination begins). at 10 a.m. " " " "	{ Pathology at 3 p.m. Medical Jurisprudence at 1 p.m. Pathology " Midwifery "	{ "
Final Professional,	16th May, 1893,	5 5 0	The Oral Examinations will begin about the 13th July.				

<sup>1</sup> When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be enrolled for examination. A Candidate is not held to be enrolled for examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

<sup>2</sup> In the event of a Candidate being rejected in a Professional Examination, he may be admitted once to re-examination without payment of further examination fee, but for a second and for each subsequent re-examination (if any) a Special Fee of £2 2s. will be charged.

<sup>3</sup> For Candidates under the New Ordinance the Fee will be £6 6s.



## APPENDIX.

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### ORDINANCE MADE BY THE UNIVERSITIES COMMISSIONERS UNDER THE UNIVERSITIES (SCOTLAND) ACT, 1889.

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ORDINANCE NO. 14. [GLASGOW, NO. 1—REGULATIONS FOR DEGREES  
IN MEDICINE.]

*At Edinburgh, the third day of February, Eighteen hundred and  
ninety-two years.*

WHEREAS, etc.

#### GRADUATION IN MEDICINE AND SURGERY.

I. Four degrees in Medicine and Surgery shall be conferred by the University of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the degree of Bachelor of Medicine, and the degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student shall pass a preliminary examination in (1) English, (2) Latin, (3) Elementary Mathematics, and (4) Greek or French or German:<sup>1</sup> provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.

IV. The extent and standard of the preliminary examination shall be determined by the Joint Board of Examiners constituted under Ordin-

ance, General, No. 8—[Regulations as to Examinations]—in accordance with the terms of that Ordinance.

V. The preliminary examination shall be conducted in accordance with the provisions of Ordinance, General, No. 8—[Regulations as to Examinations]—and, subject to the provisions of the immediately succeeding section hereof, the entire examination shall be passed at one and the same time, except in the case of students who, prior to the date at which this Ordinance shall come into operation, have passed a portion of the preliminary examination of the University, or of a preliminary examination recognised by the University.

VI. A degree in Arts, or in Science (not being a degree *honoris causa tantum*), in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognised for the purpose by the University Court, shall exempt from the preliminary examination; and the Joint Board of Examiners appointed under the provisions of Ordinance, General, No. 8—[Regulations as to Examinations]—shall have power to determine what examinations, other than those for the degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the preliminary examination.

#### PROFESSIONAL EDUCATION.

VII. Candidates shall be admitted to the degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions :—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending over a session of not less than five months, either continuous or divided into two terms; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.
3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries. British or Foreign, as may be recognised for the purpose by the University Court.
4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz. :—
 

1. ANATOMY, - - - - -	{	During a course of not less than five months.
2. PRACTICAL ANATOMY, - - - - -	{	During two courses of not less than five months each.

- |                                                                                                                                                                                                                                                                                      |                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 3. CHEMISTRY, - - - - -                                                                                                                                                                                                                                                              |                                                        |
| 4. MATERIA MEDICA and THERAPEUTICS, - - - - -                                                                                                                                                                                                                                        |                                                        |
| 5. PHYSIOLOGY or INSTITUTES OF MEDICINE, - - - - -                                                                                                                                                                                                                                   |                                                        |
| 6. PRACTICE OF MEDICINE, - - - - -                                                                                                                                                                                                                                                   |                                                        |
| 7. SURGERY, - - - - -                                                                                                                                                                                                                                                                |                                                        |
| 8. MIDWIFERY and the DISEASES peculiar to WOMEN and INFANTS. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months, - - - - - | During courses of not less than five months.           |
| 9. PATHOLOGY, - - - - -                                                                                                                                                                                                                                                              |                                                        |
| 10. PRACTICAL CHEMISTRY, - - - - -                                                                                                                                                                                                                                                   |                                                        |
| 11. PHYSICS (including the DYNAMICS OF SOLIDS, LIQUIDS, and GASES, and the RUDIMENTS OF SOUND, HEAT, LIGHT, and ELECTRICITY), - - - - -                                                                                                                                              | During courses of not less than two and a half months. |
| 12. ELEMENTARY BOTANY, - - - - -                                                                                                                                                                                                                                                     |                                                        |
| 13. ELEMENTARY ZOOLOGY, - - - - -                                                                                                                                                                                                                                                    |                                                        |
| 14. PRACTICAL PHYSIOLOGY, - - - - -                                                                                                                                                                                                                                                  |                                                        |
| 15. PRACTICAL PATHOLOGY, - - - - -                                                                                                                                                                                                                                                   |                                                        |
| 16. MEDICAL JURISPRUDENCE and PUBLIC HEALTH, - - - - -                                                                                                                                                                                                                               |                                                        |

Provided always, in so far as regards the University of Glasgow, that—

(a) It shall be the duty of the Senatus to determine from time to time the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course; and to report the determination to the University Court for its approval.

(b) It shall be the duty of the Professors and Lecturers to submit to the Senatus annually at the end of the winter session a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(c) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognised for the purpose by the University Court.

6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by Professors of the University, or by Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
8. The candidate must have attended a course of instruction in Mental Diseases of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.
9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognised School of Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognised by the Pharmaceutical Society.
10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying, at an hospital or dispensary, *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.
11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve cases of labour, or such additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.
12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorised by the proper Government Authority to grant Certificates of Proficiency in Vaccination.



13. No candidate for a degree shall be deemed to have attended a class as part of the Curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

VIII. With respect to the Places and Institutions at which the studies of the Candidate may be prosecuted, the following Regulations shall have effect :—

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., Sub-section 2.
2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognised for the purpose by the University Court, or in such Medical Schools or under such Teachers as may be recognised for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., Sub-section 2.
3. Of the subjects of study specified in Section VII., Sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.
4. The remainder of such subjects of study may (subject always as aforesaid) be taken in such Medical Schools or under such Teachers as may be recognised for the purpose by the University Court.
5. All Candidates, not Matriculated Students of the University, availing themselves of the permission to attend the Lectures of Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a Fee of the same amount as the Matriculation Fee paid by Students of the University, and having, in respect of such payment, a right to the use of the Library of the University.
6. The Fee for attendance, for purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow, shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognise as qualifying for examination in any of the subjects specified in Section VII., Sub-

section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects:—Provided always that a Professor or other teacher in any endowed public College or Institution, who by the terms of his appointment is required to teach more than one subject of Medical Study therein, may be recognised under sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.

8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this Ordinance by Her Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., Sub-section 4 hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United Kingdom, or in any University or Institution specially approved, or under any Teacher specially recognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow, such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination; and the Senatus shall, if satisfied, grant a certificate to that effect.

#### PROFESSIONAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz. :—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology and Medical Jurisprudence and Public Health:

*Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognised for the purpose by the University Court, a Degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz. :—Botany, Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examinations in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in *Materia Medica* and *Therapeutics* until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in *Medical Jurisprudence* and *Public Health* until the close of the summer session following.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division, when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

XVII. If any candidate at these examinations be found to have passed in one or more subjects with sufficient merit, he shall not be liable to re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division as hereinbefore specified.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus,



by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.

XX. Candidates for graduation shall produce evidence of their having conformed to the Regulations which were in force at the time they commenced their Medical Studies, except in so far as is provided in Section XXV. hereof.

#### PROFESSIONAL EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

- XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.
2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.
3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.
4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such Degrees; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently to



having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

#### PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

- XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.
2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:—Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.
3. Each candidate for the Degree of Master of Surgery shall submit, for the approval of the Faculty of Medicine, a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects that are exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.
4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering, within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the

Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this Section, at any period of examination after he has received such Degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in practice which has not been exclusively medical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

#### FEEs.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

#### EXAMINERS.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary. Provided that the Court shall make such provisions as will ensure that every candidate shall be examined in each subject by at least two examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted under regulations framed by the Senatus subject to the approval of the University Court.

#### DATE OF COMING INTO EFFECT.

XXV. Every student who began his Medical Studies before the date when this Ordinance shall come into operation shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the Regulations in force in the University before or after that date.

XXVI. The provisions of this Ordinance shall come into operation at the beginning of the Winter or Summer Session next after the approval thereof by Her Majesty in Council.

In witness whereof these presents are sealed with the seal of the Commission.

A. S. KINNEN, *Chairman*.

V. ORDINANCE NO. 18. [GENERAL, NO. 9—REGULATIONS FOR THE GRADUATION OF WOMEN AND FOR THEIR INSTRUCTION IN THE UNIVERSITIES.]

*At Edinburgh, the twenty-second day of February, Eighteen hundred and ninety-two years.*

WHEREAS, etc.

I. It shall be in the power of the University Court of each University to admit women to graduation in such Faculty or Faculties as the said Court may think fit.

II. It shall be competent to the University Court, after consultation with the Senatus, to make provision within the University for the instruction of women in any of the subjects taught within the University, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. Such classes shall be conducted by the Professors or Lecturers in the several subjects, or by Lecturers specially appointed for the purpose by the University Court, provided always that the Court shall not institute classes where men and women shall be taught together except after consultation with the Senatus, and provided also that no Professor whose commission is dated before the approval of this Ordinance by Her Majesty in Council shall be required, without his consent, to conduct classes to which women are admitted.

III. The conditions for graduation within any Faculty in which women are admitted to graduation, shall be the same for women as for men, subject to the following modifications, which shall have effect until within each Faculty provision is made for the instruction of women in all subjects qualifying for graduation, in which provision is made for the instruction of men :—

(1) Section XXV. of Ordinance General No. 6 (Regulations for Degrees in Arts) shall not be applicable to the graduation of women in Arts ; Section IV. of Ordinance General No. 7 (Regulations for Degrees in Science) shall not be applicable to the graduation of women in Science ; and Section VIII. of Ordinances Glasgow No. 1 (Regulations for Degrees in Medicine), Aberdeen No. 1 (Regulations for Degrees in Medicine), and Edinburgh No. 1 (Regulations for Degrees in Medicine), shall not be applicable to the graduation of women in Medicine.

(2) So long as within the Faculty of Arts in any University provision is not made for the instruction of women in any subject qualifying for graduation in which provision is made for the instruction of men, it shall be in the power of the University Court to admit to graduation women who have received the requisite instruction in that subject in any Scottish University, or from any teacher or in any Institution, within the University town, recognised for the purposes of this Ordinance by the University Court : Provided always that every candidate for graduation shall produce evidence of having satisfied the conditions laid down in Ordinance General No. 6 (Regulations for Degrees in Arts)



with respect to the Preliminary Examination, and shall be examined in all the subjects necessary for graduation by the Examiners of the University in which she takes her degree.

(3) So long as within the Faculty of Science in any University provision is not made for the instruction of women in any subject qualifying for graduation in which provision is made for the instruction of men, it shall be in the power of the University Court to admit to graduation women who have received the requisite instruction in that subject in any other Universities or Institutions approved by the University Court, or under teachers recognised by the University Court for purposes of graduation in Science: Provided always that every candidate for graduation shall produce evidence of having satisfied the conditions laid down in Ordinance General No. 7 (Regulations for Degrees in Science) with respect to the Preliminary Examination, and shall be examined in all the subjects necessary for graduation by the Examiners of the University in which she takes her degree.

(4) So long as within the Faculty of Medicine in any University provision is not made for the instruction of women in any subject qualifying for graduation in which provision is made for the instruction of men, it shall be in the power of the University Court to admit to graduation women who have received the requisite instruction in that subject in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognised for the purpose by the University Court, or in such Medical Schools or under such teachers as may be recognised for the purpose by the University Court: Provided always that every candidate for graduation shall produce evidence of having satisfied the conditions laid down in Ordinances Glasgow No. 1 (Regulations for Degrees in Medicine), Aberdeen No. 1 (Regulations for Degrees in Medicine), and Edinburgh No. 1 (Regulations for Degrees in Medicine) with respect to the Preliminary Examination, and shall be examined in all the subjects necessary for graduation by the Examiners of the University in which she takes her degree.

IV. So soon as within any of the said Faculties in any University provision is made for the instruction of women in all subjects qualifying for graduation in which provision is made for the instruction of men, the conditions for the graduation of women within such Faculty shall be the same as the conditions for the graduation of men.

V. In the case of women who have begun their studies before the date when this Ordinance shall come into operation, it shall be competent to the University Court of any University—

(1) To admit to graduation in Arts, without further examination, women who are registered in the books of the University as having regularly attended classes conducted by the Professors of the University or by their class assistants in the seven subjects hitherto required for the Ordinary Degree of Master of Arts, viz., Latin, Greek, Mathematics, Natural Philosophy, Logic and Metaphysics, Moral Philosophy, and English Literature, and as having, after examination by the University Examiners for the said Degree in all these subjects, obtained the Pass Certificates in Arts of the University.

(2) To admit to graduation in Arts women who are registered in the books of the University as having regularly attended any three or more of the classes aforesaid, and as having obtained the corresponding Certificates aforesaid, provided that they shall have given the required attendance at classes, and passed the required examinations in the remainder of the seven subjects specified in the Sub-sections immediately preceeding.

(3) To admit to graduation in Medicine women who may complete their medical studies in accordance either with the regulations for graduation hitherto in force, or with the regulations prescribed by this Ordinance ; declaring that as regards their studies prior to the date at which this Ordinance comes into operation, such women may have obtained their instruction in any classes which the University Court may accept for the purpose, and providing that before beginning their medical studies they shall have passed a Preliminary Examination which the University Court shall consider to have been adequate.

VI. (1) Women who may attend classes in any University must matriculate in that University, paying a fee of the same amount as that exigible for other students. (2) Women, who are candidates for graduation but not matriculated students, and who may attend classes within a University town, under the provisions of Section III. hereof, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a Fee of the same amount as the Matriculation Fee paid by students of the University.

VII. It shall be the duty of any University Court, which may exercise the power conferred by this Ordinance, to make regulations for the use by women of such libraries and museums as are open to matriculated students of the University.

VIII. Nothing herein contained shall prejudice the provisions of any future Ordinance by which any College may be affiliated to any University under the powers contained in Section 15 of the Universities (Scotland) Act, 1889.

IX. This Ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

In witness whereof these presents are sealed with the seal of the Commission.

A. S. KINNEAR, *Chairman.*

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## BOARD FOR STUDENTS.

Provision is not made in Queen Margaret College to receive resident Students ; but houses are recommended in which ladies attending the College will be accommodated as boarders.







